

FRANCO TAVAZZANI MD FRCSC

Orthopaedic and Sports Surgery

William Osler Health Science Centre, Brampton, Ontario, Canada

Formal Education and Appointments

- 2008 – Present
Active Staff, Department of Surgery, William Osler Health Science Centre, Brampton, Ontario
- 2004 – 2008
Active Staff, Department of Surgery, York Central Hospital, Richmond Hill, Ontario
- 2003 – 2004
Fellow, Trauma and Adult Reconstruction, Toronto East General Hospital, Toronto, Ontario
- 2002 – 2003
Fellow, Sports Medicine and Arthroscopic Reconstruction, Cincinnati Sports Medicine and Orthopedic Centre, Cincinnati, Ohio
- 1996 – 2002
Resident, Orthopaedic Surgery, University of Toronto, Toronto, Ontario
- 1992 – 1996
Doctor of Medicine Program, University of Western Ontario, London, Ontario
- 1989 – 1992
Bachelor of Science Program, Department of Kinesiology and Physical Education, Faculty of Health Science, University of Ottawa, Ottawa, Ontario

Affiliations and Awards

- Licentiate, Medical Council of Canada
- Certified Independent Medical Examiner (CIME) by the American Board of Independent Medical Examiners (ABIME).
- Certified in the *AMA Guides to the Evaluation of Permanent Impairment* 4th edition.
- Qualified as Expert Witness in the field of Orthopaedic Surgery
- Fellow, Royal College of Surgeons of Canada, Orthopaedic Surgery
- Member, Canadian Orthopaedic Association
- Member, American Academy of Orthopedic Surgery
- Member, American Orthopedic Society for Sports Medicine
- Licentiate, College of Physicians and Surgeons of Ontario.
- Awarded, Sopman Humanitarian Award for surgical humanitarianism, University of Toronto, 1999.

Research and Publications

- *Osteoclast Markers Accumulate on Human Peripheral Blood Leukocytes Incubated with Polyethylene Particles.* Co-author E. Boynton MD, FRCS (C).
Podium presentation at Canadian Orthopedic Residents Association annual meeting (January, 2002) and the American Academy of Orthopedic Surgery annual meeting (February, 2002).
- *In Vitro Model of Human Monocyte and Silicone Gel Interaction.* Co-authors J.Waddell B.Sc. and E. Boynton MD, FRCS (C).
Podium presentation at the Canadian Society for Biomaterials Annual Meeting (June, 1999) and the Sixth World Biomaterials Congress (May, 2000).
Submitted for publication – Journal of Biomedical Materials Research.
- *Fibrous Dysplasia of the Hand: A Case Report and Review of the Literature.* Co-author A. Freiberg MD, FRCS(C).
Submitted for publication – *Journal of Hand Surgery.*
- *Falls Prevention Among the Elderly.* Co-author N. Edwards BScN, MPH, PhD.
Project provided for the Ottawa-Carleton Regional Health Department, 1993
- *Patterns of Childhood Injury and Injury Prevention Among the Multicultural Population.* Co-author N. Edwards BScN, MPH, PhD.
Project provided for the Ottawa-Carleton Regional Health Department, 1993.
- *Snapping Scapula Syndrome Treated by Subacromial Decompression and Lateral Clavicle Excision: A Case Report.* Co-author T. Lindenfeld MD
Submitted for publication – *American Journal of Sports Medicine.*
- *Reliability of a New Instrument for Measuring Shoulder Rotation.* Co-authors T. Lindenfeld MD, Dave Butler PhD, Mike Mey PhD, Samer Hassan MD PhD.

Continuing Medical Education

Courses, Conferences, and Rounds

- December 2005 – Arthroscopy Association of North America – Fall Course
- December 2006 - Arthroscopy Association of North America – Fall Course
- July 15, 2007 – How to prepare a medical legal report
- May 1, 2008 –2008 Nice Shoulder Course
- June 26, 2009 –3rd International Symposium on Operative and Biologic Treatments in Sports Medicine and Orthopaedics.
- August 15, 2009 –Masters Surgeon Knee Course of the Arthroscopy Association of North America.
- August 27, 2010 – Cadaveric surgical laboratory to review the technique for implantation of the Arthrex Eclipse anatomical shoulder prosthesis.
- November 19, 2010 –Arthroscopy Association of North America - Fall Course.
- December 19, 2010 –Hip and Knee Bearing Technology Update Symposium.
- May 28, 2011 –2011 National Capital Knee Symposium.
- June 15, 2011 – An Evening with Orthobiologics experts meeting.
- June 9, 2012 –2012 Nice Shoulder Course

November 19, 2012 –Skills training and implant updates at Arthrex surgical training laboratory.

April 6, 2013 –Arthrex Knee Symposium

Oct. 21, 2014 – Orthopaedic Review Course, Miami, Florida: Traumatic injuries/Shoulder Fractures and Rehabilitation; Rotator Cuff Tears and Repairs; Rotator Cuff and SLAP Repair Post-operative Care; Arthroscopic Shoulder Strategies.

March 22, 2015 - Orthopaedic Review Course, Antigua: Facts on Fractures of the Femur, Patella, and Humerus; Pediatric ACL Injuries; Advances in Fracture Management; Spinal Disorders/Pain Management; Treating Trauma; Shoulder Instability

April 3, 2016 – Course – Obtaining certification and proficiency in the Rating of Permanent Impairment using the AMA Guides to the Evaluation of Permanent Impairment

Dec. 10, 2016 - Orthopaedic Review Course, Bahamas: Orthopaedic Imaging; Shoulder Arthroplasty; Charcot Foot; Paediatric Sports; Reverse Shoulder

January 24, 2018 – CME Rounds - Treatment options for Massive Rotator Cuff Tears

April 5, 2018 – CME Rounds - The Throwers Shoulder

April 14, 2018 – Arthrex Technology and Innovation Form, San Diego, California

June 11, 2018 – Periprosthetic Shoulder Infection

September 10, 2018 - Introducing the Direct Anterior Approach (DAA) for Total Hip Arthroplasty

December 10, 2018 - M&M rounds – Failed Total Knee Replacement

April 13, 2019 – West Coast Sports Medicine Orthopaedic Technology and Innovation Forum

May 2 – May 7, 2019 – Orthopaedic Update – Miami, Florida

Teaching, Instruction, and Consultant Work

January 10, 2007 - Training surgeons and surgical sales associates on the use and proper implantation of the Aequalis-Tournier shoulder implant system.

March 16, 2010 - Surgical education consultant in the planning, development, and construction of the Tribe Medical Group Mobile Medical Education Centre mobile surgical laboratory.

December 20, 2011 – Teaching/Education – Medicolegal Reporting in Orthopaedic Trauma.

December 16, 2014 – Teaching/Instruction - The Anterolateral Ligament of the Knee: Anatomy, Biomechanics, Radiology and Clinical Implications

October 18, 2016 – Teaching/Instruction - Analyzing a Medical Legal Report

November 7, 2017 – Teaching/Instruction - Primary care review of shoulder problems: diagnosis, treatment, surgical vs nonsurgical management.

Personal Learning Projects and Self-Assessments

June 5, 2007 – Review of technical aspects of the implantation of a reverse total shoulder arthroplasty.

June 9, 2007 - Acromioclavicular joint reconstruction with plate fixation leads to a large surgical scar and requires the removal of the plate weeks after the surgery. What is the optimal method of reconstruction of this joint using arthroscopically assisted techniques for chronic separations?

September 14, 2007 - Subacromial bursa block is an effective alternative to interscalene block for postoperative pain control after arthroscopic subacromial decompression: A randomized trial.

January 18, 2008 – A literature and industry review of the indications, costs, contraindications, and benefits of bone stimulators.

September 11, 2008 – Review of the nonsurgical treatment options for tendinopathies, including rotator cuff tendinitis.

September 11, 2008 – Critical review of an novel technique for an all-inside ACL reconstruction

November 5, 2008 – Review of the manufacturing process of orthopaedic joint implants.

November 18, 2008 - What is the role of OP-1 (osteogenic protein-1), BMP-7 (bone morphogenetic protein - 7) and other osteoinductive products in the surgical treatment of fractures? Is it safe? When is it contraindicated? Will cost limit its' use (ie. \$3000 - \$5000 per procedure)?

February 26, 2009 - Recurrent shoulder instability may have a bony component resulting from glenoid bone, in addition to the soft tissue labral tear. Is there a good way to quantify this bone loss pre-operatively?

March 12, 2009 -The natural history and prognosis of whiplash and other traumatic spinal soft tissue injuries.

March 15, 2009 - Surgical technique for performing the Bristow-Latarjet coracoid bone transfer to reconstruct glenoid bone defects in anterior shoulder instability.

July 19, 2009 - Reviewed surgical technique for performing a lesser tuberosity transfer into a reverse Hill-Sachs lesion following a chronic posterior shoulder dislocation.

September 10, 2009 - The functional outcome of proximal humerus fractures, with focus on optimal management of post-injury stiffness/arthrofibrosis.

September 16, 2009 - A review of knotless suture anchors in arthroscopic Bankart repairs, with focus on biomechanical strength and clinical outcomes compared with knotted anchors.

September 8, 2010 – Indications, techniques, and clinical outcomes of the remplissage technique in reconstruction for recurrent shoulder instability.

November 6, 2010 - Patients with a shoulder injury and a WSIB claim have poorer outcomes following shoulder surgery than patients without a compensation claim. Is there evidence to support this and can management be changed to improve these outcomes?

December 13, 2010 - Autologous Conditioned Plasma and the Role of Orthobiologics in Your Practice.

February 11, 2011 - Shoulder arthroplasty in patients aged 55 years or younger with osteoarthritis

April 11, 2011 - Concomitant Arthroscopic SLAP and Rotator Cuff Repair

April 14, 2011 – A review of injuries to the medial clavicle and sternoclavicular joint.

April 15, 2011 - Revision Arthroscopic Rotator Cuff Repair: Reading Repair Integrity and Clinical Outcome

June 15, 2011 - Immobilization in External Rotation After Primary Shoulder Dislocation Does Not

Reduce the Risk of Recurrence. True or False?

June 30, 2011 - Platelet rich plasma in arthroscopic rotator cuff repair: any role for this?

July 19, 2011 - Venous thromboembolism events after shoulder surgery

July 31, 2011 - The Prevalence of Neurologic Lesions after Total Shoulder Arthroplasty

August 3, 2011 - Outcomes After Simple Dislocation of the Elbow

September 21, 2011 - The Epidemiology, Risk of Recurrence, and Functional Outcome After an Acute Traumatic Posterior Dislocation of the Shoulder

September 21, 2011 - Prospective evaluation of arthroscopic rotator cuff repairs: Functional outcomes and radiographic healing rates; prognostic factors for clinical and radiographic outcomes.

October 3, 2011 - A Systematic Review of the Effectiveness of Intra-Articular Corticosteroid Injections for Adhesive Capsulitis of the Shoulder

October 4, 2011 – Outcomes of arthroscopic rotator cuff repairs in obese patients.

October 14, 2011 - Published Evidence Relevant to the Diagnosis of Impingement Syndrome of the Shoulder

November 8, 2011 - Comparison of GH and SA steroid injection in primary frozen shoulder

November 8, 2011 - Arthroplasty in patients with Rheumatoid Arthritis

November 10, 2011 –A review of available techniques and fixation devices for subpectoral biceps tenodesis.

November 15, 2011 - Arthroscopic Rotator Cuff Repair with and without Acromioplasty In the Treatment of Full-Thickness Rotator Cuff Tears

November 24, 2011 - Hemiarthroplasty versus non operative treatment of displaced 4-part proximal humeral fractures in elderly patients

November 30, 2011 - Pre-Operative patient expectations of total shoulder arthroplasty

December 15, 2011 – Any further role for IM nailing of humerus fractures?

December 15, 2011 - Locking plate vs. nonsurgical treatment for proximal humeral fractures: what are the current indications for each?

December 15, 2011 - Proximal periarticular locking plates in proximal humeral fractures: what are the expected functional outcomes

February 9, 2012 - Diagnostic accuracy of orthopaedic clinical tests for diagnosis of SLAP lesions.

February 9, 2012 - Patient acceptance and satisfaction of long head of biceps tenotomy?

March 19, 2012 - Repair Integrity and functional outcome after arthroscopic rotator cuff repair: current evidence, and any difference between double row, single row, or suture-bridge technique?

April 2, 2012 – Any current evidence to support the use of double-bundle ACL reconstructions?

April 17, 2012 - Review of Chronic Pain Syndrome: diagnostic criteria, validity testing, and pathophysiologic changes associated with chronic pain.

April 28, 2012 - Anatomical and functional results after arthroscopic Hill-Sachs remplissage

May 15, 2012 - The effect of nonsteroidal anti-inflammatory drug administration on acute phase fracture-healing: a review

July 26, 2012 - Long-term outcomes after arthroscopic capsular release for idiopathic adhesive capsulitis

October 31, 2012 - Knee pain after IM nailing of the tibia for isolated tibial fractures: causes, frequency, and treatment.

January 11, 2013 - Long-term outcomes of postoperative septic arthritis after anterior cruciate ligament reconstruction

December 19, 2013 - American Academy of Orthopaedic Surgery Orthopaedic Knowledge update course and self-assessment examination (scored and recorded).

March 30, 2014 – Revision Shoulder Arthroplasty: Pre-Operative planning and Surgical techniques

April 1, 2014 - What is the re-tear pattern after arthroscopic rotator cuff repair based on the repair method?

July 14, 2014 - What re the long-term results of arthroscopic remplissage in the treatment of anterior shoulder instability?

August 11, 2014 - What is the risk of second ACL injury after primary ACL reconstruction after return to sports? Is the contralateral knee at risk?

July 7, 2015 – Personal Learning Project - Options fro the Irreparable Rotator Cuff.

October 18, 2015 - Review technical aspects (including surgical exposure, soft tissue repair, and proper implantation of prosthetic components) for reverse shoulder arthroplasty. A review of instructional videos.

November 8, 2015 - Pseudoparalysis from a massive rotator cuff tear is reliably reversed with an arthroscopic rotator cuff repair in patients without preoperative glenohumeral arthritis. True or false?

November 22, 2015 - Manage, evaluate and treat patients with options for acute and chronic instability problems of the shoulder and elbow; diagnose problems and evaluate the process for determining treatment with anatomic and reverse total shoulder arthroplasty; interpret imaging studies and make concise decisions regarding treatment options for soft tissue problems and fractures of the shoulder girdle and elbow regions; make treatment recommendations for elbow reconstruction, including arthroplasty

November 23, 2015 - Apply decision-making and imaging interpretation skills; determine appropriate treatment techniques for injuries to the upper and lower extremities, pelvic ring, and acetabulum; apply principles of fracture fixation for injuries to the midfoot; manage complications associated with musculoskeletal trauma; apply biomechanics principles supporting current treatments for musculoskeletal trauma; use appropriate anticoagulant treatment for musculoskeletal patients.

February 23, 2017 - The role of viscosupplementation injections for rotator cuff disease/rotator cuff tears.

June 29, 2017 - Orthobiologics: current evidence for the use of PRP/ACP and bone marrow aspirate injections Orthopaedic practice, including attending “Advandments in Orthobiologics on May12, 2017 in Miami, Florida; researching the current position of Health Canada regarding the use of these injections; researching the CPSO Guidelines for Infection Prevention and Control for Clinical Office Practice; referring to these latter Guidelines to establish Standard Operating Procedures (SOP) for the administration of these therapies; and consulting the legal position for advertising these services.

July 31, 2017 - Current evidence and recommended practice for the prevention and/or treatment of heterotopic ossification associated with complex elbow injuries

September 18, 2017 - The risk of developing post traumatic OA in individuals suffering a tibial plateau

August 30, 2018 - A better way to perform a biceps tenodesis

October 12, 2018 - Acromioclavicular joint dislocations: indications for surgery, and surgical options and techniques.

Contact Information

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